Maureen J Donlin

List of Publications by Year
in descending order

51 papers	3,092 citations	236925 25 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	4174 citing authors

#	Article	IF	Citations
1	The Genome of the Basidiomycetous Yeast and Human Pathogen Cryptococcus neoformans. Science, 2005, 307, 1321-1324.	12.6	664
2	Chitosan, the Deacetylated Form of Chitin, Is Necessary for Cell Wall Integrity in Cryptococcus neoformans. Eukaryotic Cell, 2007, 6, 855-867.	3.4	315
3	Kinetic partitioning between the exonuclease and polymerase sites in DNA error correction. Biochemistry, 1991, 30, 538-546.	2.5	209
4	A Chitin Synthase and Its Regulator Protein Are Critical for Chitosan Production and Growth of the Fungal Pathogen Cryptococcus neoformans. Eukaryotic Cell, 2005, 4, 1902-1912.	3.4	201
5	Cell wall integrity is dependent on thePKC1signal transduction pathway inCryptococcus neoformans. Molecular Microbiology, 2005, 58, 393-408.	2.5	137
6	p38MAPK Plays a Crucial Role in Stromal-Mediated Tumorigenesis. Cancer Discovery, 2014, 4, 716-729.	9.4	127
7	Using the Generic Genome Browser (GBrowse). Current Protocols in Bioinformatics, 2009, 28, Unit 9.9.	25.8	115
8	Pretreatment Sequence Diversity Differences in the Full-Length Hepatitis C Virus Open Reading Frame Correlate with Early Response to Therapy. Journal of Virology, 2007, 81, 8211-8224.	3.4	106
9	KRE genes are required for Î²â€1,6â€glucan synthesis, maintenance of capsule architecture and cell wall protein anchoring in Cryptococcus neoformans. Molecular Microbiology, 2010, 76, 517-534.	2.5	103
10	Baby, Be Safe: the effect of tailored communications for pediatric injury prevention provided in a primary care setting. Patient Education and Counseling, 2002, 46, 175-190.	2.2	82
11	Posttranslational, Translational, and Transcriptional Responses to Nitric Oxide Stress in Cryptococcus neoformans : Implications for Virulence. Eukaryotic Cell, 2006, 5, 518-529.	3.4	79
12	Genome-wide hepatitis C virus amino acid covariance networks can predict response to antiviral therapy in humans. Journal of Clinical Investigation, 2008, 119, 225-36.	8.2	76
13	Cryptococcus neoformans Cda1 and Its Chitin Deacetylase Activity Are Required for Fungal Pathogenesis. MBio, 2018, 9, .	4.1	62
14	Functional Analysis of Deletion Derivatives of the Maize Transposon MuDR Delineates Roles for the MURA and MURB Proteins. Genetics, 1999, 151, 331-341.	2.9	61
15	Global Transcriptome Profile of Cryptococcus neoformans during Exposure to Hydrogen Peroxide Induced Oxidative Stress. PLoS ONE, 2013, 8, e55110.	2.5	61
16	Morphine Modulation of Thrombospondin Levels in Astrocytes and Its Implications for Neurite Outgrowth and Synapse Formation. Journal of Biological Chemistry, 2010, 285, 38415-38427.	3.4	54
17	Effectiveness of Individually Tailored Calendars in Promoting Childhood Immunization in Urban Public Health Centers. American Journal of Public Health, 2004, 94, 122-127.	2.7	53
18	A fluorogenic C. neoformans reporter strain with a robust expression of m-cherry expressed from a safe haven site in the genome. Fungal Genetics and Biology, 2017, 108, 13-25.	2.1	53

#	Article	IF	Citations
19	Hepatitis C Virus Diversity and Evolution in the Full Open-Reading Frame during Antiviral Therapy. PLoS ONE, 2008, 3, e2123.	2.5	45
20	Mutants Affecting Nucleotide Recognition by T7 DNA Polymerase. Biochemistry, 1994, 33, 14908-14917.	2.5	41
21	Cross Talk between the Cell Wall Integrity and Cyclic AMP/Protein Kinase A Pathways in Cryptococcus neoformans. MBio, 2014, 5, .	4.1	36
22	Contribution of Genome-Wide HCV Genetic Differences to Outcome of Interferon-Based Therapy in Caucasian American and African American Patients. PLoS ONE, 2010, 5, e9032.	2.5	34
23	Using the Generic Genome Browser (GBrowse). Current Protocols in Bioinformatics, 2007, 17, Unit 9.9.	25.8	33
24	Checkpoint Blockade Immunotherapy Relies on T-bet but Not Eomes to Induce Effector Function in Tumor-Infiltrating CD8+ T Cells. Cancer Immunology Research, 2015, 3, 116-124.	3.4	32
25	Troponoids Can Inhibit Growth of the Human Fungal Pathogen Cryptococcus neoformans. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	31
26	Disseminating Effective Health Promotion Programs from Prevention Research to Community Organizations. Journal of Public Health Management and Practice, 2001, 7, 81-89.	1.4	24
27	Analysis of Iron in Ferritin, the Iron-Storage Protein: A General Chemistry Experiment. Journal of Chemical Education, 1998, 75, 437.	2.3	22
28	Synthesis and Evaluation of Troponoids as a New Class of Antibiotics. ACS Omega, 2018, 3, 15125-15133.	3.5	22
29	Amide-containing Î±-hydroxytropolones as inhibitors of hepatitis B virus replication. Antiviral Research, 2020, 177, 104777.	4.1	22
30	Oxidized Lipoproteins Promote Resistance to Cancer Immunotherapy Independent of Patient Obesity. Cancer Immunology Research, 2021, 9, 214-226.	3.4	18
31	Genome-Wide Networks of Amino Acid Covariances Are Common among Viruses. Journal of Virology, 2012, 86, 3050-3063.	3.4	17
32	Fructose Promotes Cytoprotection in Melanoma Tumors and Resistance to Immunotherapy. Cancer Immunology Research, 2021, 9, 227-238.	3.4	17
33	Hepatitis B virus genetic diversity has minimal impact on sensitivity ofÂthe viral ribonuclease H to inhibitors. Antiviral Research, 2016, 135, 24-30.	4.1	13
34	Repurposing and optimization of drugs for discovery of novel antifungals. Drug Discovery Today, 2022, 27, 2008-2014.	6.4	12
35	Tissue-Specific Accumulation of MURB, a Protein Encoded by MuDR, the Autonomous Regulator of the Mutator Transposable Element Family. Plant Cell, 1995, 7, 1989.	6.6	11
36	Prospects for personalizing antiviral therapy for hepatitis C virus with pharmacogenetics. Genome Medicine, 2011, 3, 8.	8.2	10

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37	Coordinated evolution among hepatitis C virus genomic sites is coupled to host factors and resistance to interferon. In Silico Biology, 2011, 11, 213-24.	0.9	10
38	Evidence for action of ribavirin through the hepatitis C virus RNA polymerase. Journal of Viral Hepatitis, 2009, 16, 595-604.	2.0	9
39	Hepatitis C Virus Envelope Glycoprotein Signatures Are Associated With Treatment Failure and Modulation of Viral Entry and Neutralization. Journal of Infectious Diseases, 2013, 207, 1306-1315.	4.0	9
40	Inflammation programs self-reactive CD8+ T cells to acquire T-box-mediated effector function but does not prevent deletional tolerance. Journal of Leukocyte Biology, 2014, 96, 397-410.	3.3	9
41	Divergent synthesis of a thiolate-based Î±-hydroxytropolone library with a dynamic bioactivity profile. RSC Advances, 2019, 9, 34227-34234.	3.6	9
42	Synthetic Derivatives of Ciclopirox are Effective Inhibitors of Cryptococcus neoformans. ACS Omega, 2021, 6, 8477-8487.	3.5	9
43	Identification of 4-isopropylâ€“thiotropolone as a novel anti-microbial: regioselective synthesis, NMR characterization, and biological evaluation. RSC Advances, 2018, 8, 29967-29975.	3.6	8
44	Membrane Integrity Contributes to Resistance of Cryptococcus neoformans to the Cell Wall Inhibitor Caspofungin. MSphere, 2022, 7, .	2.9	8
45	Genetic and biochemical diversity in the HCV NS5B RNA polymerase in the context of interferon Î± plus ribavirin therapy. Journal of Viral Hepatitis, 2011, 18, 349-357.	2.0	6
46	Discovery of 5-Nitro-6-thiocyanatopyrimidines as Inhibitors of Cryptococcus neoformans and Cryptococcus gattii. ACS Medicinal Chemistry Letters, 2021, 12, 774-781.	2.8	5
47	A Functional Interplay between Human Immunodeficiency Virus Type 1 Protease Residues 77 and 93 Involved in Differential Regulation of Precursor Autoprocessing and Mature Protease Activity. PLoS ONE, 2015, 10, e0123561.	2.5	4
48	The Aminoalkylindole BML-190 Negatively Regulates Chitosan Synthesis via the Cyclic AMP/Protein Kinase A1 Pathway in Cryptococcus neoformans. MBio, 2019, 10, .	4.1	3
49	HCV Genome-Wide Genetic Analyses in Context of Disease Progression and Hepatocellular Carcinoma. PLoS ONE, 2014, 9, e103748.	2.5	3
50	Cryptococcus at Work: Gene Expression during Human Infection. MBio, 2014, 5, e01097.	4.1	1
51	Host-specific HCV evolution and response to the combined interferon and ribavirin therapy. , 2011, , .		0